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TO: Boone County Board of Commissioners

FROM: Craig M. Parks, County Engineer

DATE: August 16, 2019

SUBJECT: 2020 Road Conversion selections

The Boone County Highway Department received 31 Road Conversion applications for Fiscal Year 2020 Conversions before the June 1, 2019 cutoff date. Several of the applications were new and several others were those that did not get selected for the 2019 program.

Since that time, the Boone County Highway Department used our adopted scoring system to tabulate (and validate) scores for each of the applications received. Traffic counts were recently collected to gather accurate traffic data and property research was performed to verify petitions were signed by legal property owners. Corrections/adjustments were made to the scores if any errors were found during our analysis and applications were ranked in order of total corrected score. The final results of our analysis are summarized in the attached "2020 Road Conversion Program Score Tabulation Sheet".

While performing our analysis, it became evident that the percentage of petitioners willing to dedicate right of way and/or provide financial participation separated the top-ranked applications from others. We recommend the Boone County Board of Commissioners vote to approve the 2020 Conversion Road program conditional upon the top-ranked application meeting the commitments stated by petitioners.

The goal of our program is to convert as many roadways within a specified annual road conversion budget. Due to the anticipated drop in funding for the Highway Department, the road conversion for 2020 must be cut significantly. Therefore, only one application is recommended for conversion. I recommend the Boone County Board of Commissioners tentatively approve the Highway Department's recommendation of the following roads for conversion in 2020.

- **CR 1100E from 100N to 200N** (Ranked #1), Total estimated cost to County = \$112,500

We recommend this approval be made conditional to the following criteria being met:

1. A 2020 budget of \$120,000 for Road Conversions is approved and adopted by the Boone County Council.
2. Right of way dedication documents from petitioners on the approved roadways who agreed to dedicate right of way are received by December 27, 2019.
3. Agreements from petitioners on the approved roadways who agreed to contribute financially are executed and received by December 27, 2018.

If the necessary documentation is not received for the selected roadways by the December 27th deadline, the scores will be adjusted to reflect the actual percentage of R/W dedications and private funding committed. If these adjustments cause changes to the rank of a particular roadway, the next highest ranked application will be tentatively selected and asked to gather R/W dedications and Public Private Partnership agreements. A final score and ranking will be tabulated and final recommendation made to the Board of Commissioners in March 2020.

2020 Road Conversion Program

Application #	Location			Base Score									Multiplier					Summary					Budgeted \$	Final Ranking
	Road	From	To	Cost of Conversion	Traffic	Termini	Classification	Connectivity	Parallel To State Road	Public Support (petitions signed)	Right of Way	Total Base Score	Work Needed Before Conversion	Regularity of Maintenance Needed	Already in the Plan	Financial Participation	Total Multiplier	Total Adjusted Score	Amount of Financial Participation	Estimated Project Cost	% Participation	Net Cost to County	\$112,500.00	
18.26	1100 E	100 N	200 N	20	0	30	20	30	10	45	60	215	1	1.5	0	1.05	4.55	978.82	\$ 6,250.00	\$ 118,750.00	5%	\$ 112,500.00	\$0.00	1
18.09	300 W	200 S	50 S	15	0	30	10	15	0	30	40	140	1.5	1.5	1.5	1.01	6.51	911.48	\$ 2,000.00	\$ 188,750.00	1%	\$ 186,750.00		2
18.18	700 E	SR 32	200 S	15	0	30	20	75	0	30	40	210	1	1	0	1.01	4.01	842.10	\$ 2,000.00	\$ 245,000.00	1%	\$ 243,000.00		3
18.10	350 E	Elizaville Rd	SR 47	15	0	30	0	60	0	15	20	140	1	1	1.5	1.01	5.51	771.40	\$ 550.00	\$ 157,500.00	1%	\$ 156,950.00		4
18.03	125 E/ Hall Baker Rd	260 S	400 S	15	0	30	0	30	10	15	20	120	1.5	1.5	1.5	0	5.50	660.00	\$ -	\$ 213,750.00	0%	\$ 213,750.00		5
18.21	775 E	100 S	200 S	20	0	30	10	30	0	30	40	160	1	1	0	1.01	4.01	641.60	\$ 1,000.00	\$ 125,000.00	1%	\$ 124,000.00		6
18.11	400 N	500 W	SR 75	10	10	30	0	60	10	15	20	155	1	1	0	1.01	4.01	621.55	\$ 1,000.00	\$ 375,000.00	1%	\$ 374,000.00		7
19.03	50 W	750 N	Horton Road	20	0	30	0	15	20	30	20	135	1.5	1	0	1.05	4.55	614.80	\$ 5,000.00	\$ 92,500.00	5%	\$ 87,500.00		8
18.17	675 W	Hazelrigg	200 N	15	0	30	0	15	10	30	40	140	1	1	0	1.08	4.08	570.54	\$ 14,300.00	\$ 190,000.00	8%	\$ 175,700.00		9
18.20	750 S	25 W	325 W	10	0	30	0	60	0	0	0	100	1.5	1.5	1.5	0	5.50	550.00	\$ -	\$ 342,500.00	0%	\$ 342,500.00		10
18.01	50 S	800 E	900 E	20	0	15	10	60	30	15	20	170	0	1	0	1.03	3.03	515.44	\$ 4,000.00	\$ 125,000.00	3.20%	\$ 121,000.00		11
18.13	450 E	300 S	Albert S. White	15	0	30	10	60	0	0	0	115	0	1.5	1.5	0	4.00	460.00	\$ -	\$ 127,512.00	0%	\$ 127,512.00		12
18.12	400 W	SR 32	50 S	15	0	30	0	45	0	0	0	90	1.5	1.5	0	1.01	5.01	450.90	\$ 1,000.00	\$ 191,250.00	1%	\$ 190,250.00		13
18.23	825 E	100 S	200 S	15	0	15	10	60	10	15	20	145	0	1	0	1.01	3.01	436.82	\$ 1,600.00	\$ 127,512.00	1%	\$ 125,912.00		14
18.19	700 S	25 W	200 E	10	0	30	0	15	0	15	20	90	1	1	0	1.01	4.01	360.90	\$ 2,000.00	\$ 282,500.00	1%	\$ 280,500.00		15
18.22	800 E	SR 32	60 S	20	0	15	10	60	10	0	0	115	1	1	0	0	3.00	345.00	\$ -	\$ 56,250.00	0%	\$ 56,250.00		16
18.29	Base Line Rd	SR 75	950 W	15	0	15	0	45	10	0	0	85	1.5	1.5	0	0	4.00	340.00	\$ -	\$ 188,750.00	0%	\$ 188,750.00		17
18.05	150 South	500 W	600 W	20	0	30	0	15	10	0	0	75	1	1	0	1.08	4.08	306.25	\$ 10,000.00	\$ 120,000.00	8%	\$ 110,000.00		18
18.31	600 W	50 S	150 S	20	0	30	0	0	10	0	0	60	1	1.5	1.5	0	5.00	300.00	\$ -	\$ 123,750.00	0%	\$ 123,750.00		19
19.04	625 S & 300 W	650 S	425 W	15	0	15	0	0	0	15	20	65	1.5	1	0	1.01	4.51	293.15	\$ 1,000.00	\$ 171,250.00	1%	\$ 170,250.00		20
18.30	200 E	850 N	County Line	15	0	30	10	15	10	0	0	80	0	1	1.5	0	3.50	280.00	\$ -	\$ 128,750.00	0%	\$ 128,750.00		21
18.06	200 E	75 N	150 N	20	0	30	10	30	0	0	0	90	1	1	0	0	3.00	270.00	\$ -	\$ 108,750.00	0%	\$ 108,750.00		22
18.15	500 N	SR 39	150 W	20	0	30	0	45	20	0	0	115	1	0	0	0	2.00	230.00	\$ -	\$ 95,000.00	0%	\$ 95,000.00		23
18.25	1100 E	SR 38	County Line	15	0	30	10	45	10	0	0	110	0	0	0	1.02	2.02	221.68	\$ 2,000.00	\$ 131,250.00	2%	\$ 129,250.00		24
19.02	Pumpkinvine Road	550 E	640 E	20	0	15	0	0	20	0	0	55	1	1	0	1.02	4.02	220.89	\$ 2,000.00	\$ 123,750.00	2%	\$ 121,750.00		25
18.07	200 E / 200 N	150 N	300 E	15	0	15	10	30	0	0	0	70	1	1	0	0	3.00	210.00	\$ -	\$ 175,000.00	0%	\$ 175,000.00		26
19.05	600 S	Darlington Ave.	1050 W	15	0	15	0	0	20	0	0	50	1	1.5	0	0	3.50	175.00	\$ -	\$ 172,500.00	0%	\$ 172,500.00		27
18.27	Edlin Rd	180 W	Pavement Termini	20	0	15	0	0	20	0	0	55	1	1	0	0	3.00	165.00	\$ -	\$ 45,000.00	0%	\$ 45,000.00		28
18.28	Henry Rd/Meridian Rd	Pavement Termini	950 N	15	0	30	0	15	20	0	0	80	0	1	0	0	2.00	160.00	\$ -	\$ 188,750.00	0%	\$ 188,750.00		29
19.01	1050 W	100 S	200 S	20	0	30	0	15	10	0	0	75	0	1	0	0	2.00	150.00	\$ -	\$ 123,750.00	0%	\$ 123,750.00		30
18.04	125 W/325 S/180 W	300 S	400 S/Edlin Rd	15	0	15	0	0	30	0	0	60	1	0	0	0	2.00	120.00	\$ -	\$ 201,250.00	0%	\$ 201,250.00		31
18.24	840 E	50 S	Dead End	20	0	0	0	0	10	0	0	30	1	0	0	0	2.00	60.00	\$ -	\$ 17,500.00	0%	\$ 17,500.00		32